Table 1
Area 5 Tree Removal HPGe Analysis Results Summary Table
Niagara Falls Boulevard Radiological Site
Niagara Falls Boulevard, Niagara Falls, New York
February 2, 2017

	RST 3 ID. No.	TREE-41	TREE-26	TREE-45	TREE-55	TREE-65	TREE-35	TREE-33	TREE-39	TREE-58	TREE-30	TREE-54	TREE-36	TREE-50	TREE-42	TREE-28
Radionuclide	**[1]EPA SSAL**															
Thorium-232 (Th-232)	6,230	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Radium-228 (Ra-228)	26.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Actinium-228 (Ac-228)	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Thorium-228 (Th-228)	31,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Radium-224 (Ra-224)	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Lead-212 (Pb-212)	1,060,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Uranium-238 (U-238)	11,700	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Thorium-234 (Th-234)	76,700	**1.08**	**0.1629**	**-0.4218**	ND	ND	**-0.0659**	ND	ND	ND	ND	ND	**0.3257**	**-0.2334**	ND	**1.12**
Protactinium (Pa-234)	16,600	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Uranium- 234 (U-234)	10,300	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Thorium-230 (Th-230)	6,160	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Radium-226 (Ra-226)	4.06	**-0.6496**	**-0.6113**	**0.5396**	ND	ND	**0.5164**	**0.3358**	ND	ND	ND	**0.3504**	ND	**-0.6059**	**0.0254**	ND

Notes:
RST 3 ID. No. - Removal Support Team 3 Identification Number.
pCi/g - Picocuries per gram.
ND - Not detected.
All samples were analyzed using a High Purity Germanium (HPGe) detector.
Result values in bold font indicate detected concentrations.
[1]U.S. Environmental Protection Agency (USEPA) Site-Specific Action Levels (SSAL) and result values are presented in pCi/g.